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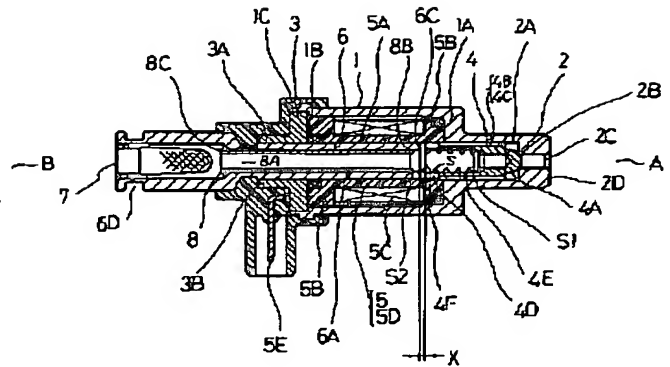
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TITLE : ELECTROMAGNETIC FUEL INJECTION
VALVE AND ADJUSTMENT OF FUEL
INJECTION RATE IN
ELECTROMAGNETIC FUEL INJECTION
VALVE



ABSTRACT : PURPOSE: To provide an electromagnetic fuel injection valve, with which the maximum stroke as well as the very small flow of a switch valve can be set highly accurately and easily..

CONSTITUTION: A fixed core 6 is penetrated by an adjustment tube inserting hole 6A in the direction of the longitudinal axis of the core 6, and is inserted into the fixed core inserting hole 5D of an electromagnetic device 5 via the magnetic pole piece part 3 of a housing 1, while an adjustment tube 8 is penetrated by a fuel channel 8A in the direction of the longitudinal axis of the adjustment tube, and is inserted in and provided on the inside of the adjustment tube inserting hole 6A of the fixed core 6. The front end part 6C of the fixed core 6 inserted in and arranged on the inside of the fixed core inserting hole 5D is divided into two by a gap adjusted on the rear end part 4F of a switch valve 4, and are thus opposed to one another, while the fixed core 6 is fixed to the housing 1 (switch valve full open adjustment process). The adjustment tube 8 is inserted in and provided on the inside of the adjustment tube inserting hole 6A, and the rear end S2 of a spring S is adjusted and locked to the front end part 8B of the adjustment tube 8 while the adjustment tube 8 is fixed to the fixed core 6 (spring force adjustment process). For adjustment of the injection fuel level of an electromagnetic fuel injection valve, the switch valve full open adjustment process is carried out after an assembly process and the spring force adjustment process follows.

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